

Appendix 1

Sequence Listing



SEQUENCE LISTING

110> University of North Texas Health Science Center at Fort Worth
Mathews, Porunellor A.
Boles, Kent

<120> Immuno activation of CS1 receptor in natural killer cells to
inhibit tumor cell growth

10 <130> 120746.00004

<140> 10/021,741

<141> 2001-12-12

15 <160> 5

<170> PatentIn version 3.1

20 <210> 1
<211> 1083

<212> DNA

<213> Homo Sapiens

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<301> Boles, K.S. and Mathew, P.A.
<302> Molecular cloning of CS1, a novel human natural killer cell
<303> Immunogenetics
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<306> 302-307
<307> 2001
<308> AF291815
<309> 2000-08-01
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caaccctct tgcaccata cagccagaag ggggcaactat catagtgacc caaaatcgta
240

55 ataggggagag agtagacttc ccagatggag gctactccct gaagctcagc aaactgaaga
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agaatgactc agggatctac tatgtggga tatacagctc atcactccag cagccctcca
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60 cccaggagta cgtgctgcat gtctacgagc acctgtaaa gcctaaagtc accatgggtc
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aagaggatgt gatttataacc tggaaggccc tggggcaagc agccaatgag tcccataatg
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ccaggaaccc tgcagcaga aacttctcaa gccccatcct tgccaggaag ctctgtgaag
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840

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aagatccagc aaatacgggt tactccactg tggaaatacc gaaaaagatg gaaaatcccc
960

25 actcactgct cacgatgcc aacacacca ggctatttgc ctatgagaat gttatctaga
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20

25

30

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10	Asp Ser Ile Val Trp Thr Phe Asn Thr Thr Pro Leu Val Thr Ile Gln	50	55	60	
15	Pro Glu Gly Gly Thr Ile Ile Val Thr Gln Asn Arg Asn Arg Glu Arg	65	70	75	80
20	Val Asp Phe Pro Asp Gly Gly Tyr Ser Leu Lys Leu Ser Lys Leu Lys	85	90	95	
25	Lys Asn Asp Ser Gly Ile Tyr Tyr Val Gly Ile Tyr Ser Ser Ser Leu	100	105	110	
30	Gln Gln Pro Ser Thr Gln Glu Tyr Val Leu His Val Tyr Glu His Leu	115	120	125	
35	Ser Lys Pro Lys Val Thr Met Gly Leu Gln Ser Asn Lys Asn Gly Thr	130	135	140	
40	Cys Val Thr Asn Leu Thr Cys Cys Met Glu His Gly Glu Glu Asp Val	145	150	155	160
45	Ile Tyr Thr Trp Lys Ala Leu Gly Gln Ala Ala Asn Glu Ser His Asn	165	170	175	
50	Gly Ser Ile Leu Pro Ile Ser Trp Arg Trp Gly Glu Ser Asp Met Thr	180	185	190	
55	Phe Ile Cys Val Ala Arg Asn Pro Val Ser Arg Asn Phe Ser Ser Pro	195	200	205	
60	Ile Leu Ala Arg Lys Leu Cys Glu Gly Ala Ala Asp Asp Pro Asp Ser	210	215	220	
65	Ser Met Val Leu Leu Cys Leu Leu Leu Val Pro Leu Leu Leu Ser Leu	225	230	235	240
70	Phe Val Leu Gly Leu Phe Leu Trp Phe Leu Lys Arg Glu Arg Gln Glu	245	250	255	
75	Glu Tyr Ile Glu Glu Lys Lys Arg Val Asp Ile Cys Arg Glu Thr Pro	260	265	270	

275

280

285

5 His Thr Asn Arg Thr Ile Leu Lys Glu Asp Pro Ala Asn Thr Val Tyr
 290 295 300

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